

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-30. (Canceled).

31. (Currently Amended) A code division multiple access base station comprising:

a pilot channel transmitter configured to transmit a pilot channel;
circuitry configured to provide a sequence of chips;
~~a linear feedback shift register configured to produce a pseudo noise (PN) code;~~

a detector configured to detect at least one of a plurality of transmitted first signals using a first portion of the sequence of chips ~~PN code~~, each first signal including the ~~a~~ first portion of the sequence of chips ~~PN code~~, ~~wherein the first signals are used to aid in reception of a second signal produced from the same PN code; and~~

a transmitter configured to transmit an acknowledgment ~~message~~ confirming receipt of at least one of the plurality of first signals;

wherein the detector is configured, after detection of the first signal, to detect a the second signal using the a second portion of the sequence of chips ~~PN code~~, wherein each of the first signals is shorter than the second signal.

32. (Currently Amended) The base station of claim 31 comprising a combiner configured to combine the sequence of chips ~~PN code~~ with a second

sequence for use in detecting the first portion.

33. (Previously Presented) The base station of claim 32 wherein the combiner is an exclusive-or gate.

34. (Canceled).

35. (Canceled).

36. (Previously Presented) The base station of claim 31 comprising a receiver for receiving the first signal and the second signal in an access channel.

37. (Canceled).

38. (Previously Presented) The base station of claim 31 wherein a transmission power level of the second signal is based on a transmission power level of at least one the first signals.

39. (Currently Amended) A code division multiple access communication unit comprising:

a pilot channel detector configured to detect a pilot channel;

circuitry configured to provide a sequence of chips;

~~a linear feedback shift register configured to produce a pseudo noise (PN) code;~~

a transmitter configured to ~~perform a first transmission of~~ transmit a plurality of first signals, each first signal including a first portion of the sequence of chips (PN) code, ~~wherein at least one of the first signals is used to aid in reception of a second signal produced from the (PN) code;~~

a receiver configured to receive an acknowledgment ~~message~~ confirming

receipt of at least one of the plurality of first signals;

the transmitter further configured to transmit the plurality of first signals until the acknowledgement confirming receipt of at least one of the plurality of first signals is received; and

the transmitter also configured, in response to receipt of the acknowledgment message by the receiver, to:

cease performing the first transmission; and

transmit ~~perform a second transmission of the~~ a second signal ~~after performance of the first transmission has ceased~~ wherein the second signal includes a second portion of the sequence of chips and wherein each of the first signals is shorter than the second signal.

40. (Currently Amended) The communication unit of claim 39 comprising a combiner configured to combine the portion of the sequence of chips ~~(PN) code~~ with a sequence for use in producing at least one of the first signals.

41. (Previously Presented) The communication unit of claim 40 wherein the combiner is an exclusive-or gate.

42. (Canceled).

43. (Canceled).

44. (Previously Presented) The communication unit of claim 39 wherein the first signal and the second signal are transmitted in an access channel.

45. (Canceled) The communication unit of claim 39 wherein each of the first signals are shorter than the second signal.

46. (Previously Presented) The communication unit of claim 39 wherein a transmission power level of the second signal is based on a transmission power level of at least one of the first signals.

47. (New) The communication unit of claim 40, wherein the plurality of first signals are dynamically selected.

48. (New) The communication unit of claim 39, wherein a traffic channel is assigned after transmission of the second signal.

49. (New) The communication unit of claim 40, wherein at least two of the plurality of first signals are different.

50. (New) The base station of claim 31, wherein a traffic channel is assigned after transmission of the second signal.

51. (New) The base station of claim 32, wherein at least two of the plurality of first signals are different.